

Claims

What is claimed is:

1. A car jacking prevention system comprising:

a programmable control unit in controlling connection with:

5 a multi-timer unit having an output in connection with a mono-timer, an on board audio warning output system, and a manual disarm switch; and

a mono-timer having an activation output in electrical connection with each of the activation inputs of an engine cut-off mechanism, a hood lock assembly, an audible alarm system, and a visual alarm system;

10 the car jacking prevention system further including:

a manual activation input in connection with a manual activation switch that may be hidden within a vehicle passenger compartment at a location known only to regular drivers of the vehicle, and

15 a radio signal switch having a receiving antenna for receiving a radio transmitted activation signal and a radio switch activation output in connection with a radio activation input of the control unit;

the radio signal switch being responsive to receipt of the radio transmitted activation signal by transmitting a system activation signal to the radio activation input of the control unit;

5 the manual activation switch generating a system activation signal to the control unit when depressed by a user;

the control unit being programmed to trigger the multi-timer circuit upon receipt of a system activation signal;

00715250 111500
10 when triggered, the multi-timer circuit activating the on board audio warning system to audibly warn a driver of the vehicle that a car jacking prevention system has been enabled and that within a time period vehicle disabling and attention attracting events will be occurring, triggering the mono-timer, and activating the manual disarm switch which when depressed by the user before
15 the mono-timer times out resets the control unit and thereby the car jacking prevention system;

the mono-timer generating a control signal at its activation output upon timing out to simultaneously activate the engine cut-off mechanism, the hood lock assembly, the audible alarm
20 system, and the visual alarm system.

17

2. The car jacking prevention system of **Claim 1** further comprising:

a Global Positioning System tracking device with a radio communication transmitter for transmitting location data to a central tracking location that is activated by the activation output of the mono-timer.

103. The car jacking prevention system of **Claim 1** further comprising:

a trunk sensor activation switch installable within a trunk compartment of a vehicle and having infrared trigger that is triggered by the body heat of a person within the trunk compartment and an activation output in connection with a trunk sensor activation input of the control unit and an electric trunk lock opener for opening a lock of a vehicle trunk compartment;

when the infrared trigger is triggered, the trunk sensor activation switch generating a system activation signal to the trunk sensor activation input of the control unit.

14. The car jacking prevention system of **Claim 1** further comprising:

a hidden camera having a trigger input for triggering a multi-picture taking sequence that is activated by the control signal generated by the mono-timer activation output.

16/5. The car jacking prevention system of **Claim 1** further comprising:

09715250 11500
5 a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of a last door of a vehicle passenger compartment, and an activation output in connection with a passenger compartment entry activation input of the control unit,

15 the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

3/6. The car jacking prevention system of **Claim 2** further comprising:

09745350-11500
5 a trunk sensor activation switch installable within a trunk compartment of a vehicle and having infrared trigger that is triggered by the body heat of a person within the trunk compartment and an activation output in connection with a trunk sensor activation input of the control unit and an electric trunk lock opener for opening a lock of a vehicle trunk compartment;

when the infrared trigger is triggered, the trunk sensor activation switch generating a system activation signal to the trunk sensor activation input of the control unit.

10 7. The car jacking prevention system of **Claim 2** further comprising:

a hidden camera having a trigger input for triggering a multi-picture taking sequence that is activated by the control signal generated by the mono-timer activation output.

15 9. The car jacking prevention system of **Claim 2** further comprising:

a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for
20 determining when a last condition sensor indicates the closing of

a last door of a vehicle passenger compartment, and an activation output in connection with a passenger compartment entry activation input of the control unit,

the door position sensor activation switch generating a system
5 activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

09715350-111500
4³. The car jacking prevention system of **Claim 3** further
10 comprising:

a hidden camera having a trigger input for triggering a multi-picture taking sequence that is activated by the control signal generated by the mono-timer activation output.

6 10. The car jacking prevention system of **Claim 3** further
15 comprising:

a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of
20 a last door of a vehicle passenger compartment, and an activation

output in connection with a passenger compartment entry activation input of the control unit,

the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

5 11. The car jacking prevention system of **Claim 9** further comprising:

10 a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of a last door of a vehicle passenger compartment, and an activation 15 output in connection with a passenger compartment entry activation input of the control unit,

the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a 20 door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

8 ~~12~~. The car jacking prevention system of **Claim 7** further comprising:

09745350 11500
a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including
5 logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of a last door of a vehicle passenger compartment, and an activation output in connection with a passenger compartment entry activation input of the control unit,

10 the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

15 11 ~~13~~. The car jacking prevention system of **Claim 3**¹⁰ further comprising:

a hidden camera having a trigger input for triggering a multi-picture taking sequence that is activated by the control signal generated by the mono-timer activation output.

13¹⁰~~14~~. The car jacking prevention system of **Claim 3** further comprising:

097153507111500
5 a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of a last door of a vehicle passenger compartment, and an activation output in connection with a passenger compartment entry activation input of the control unit,

10 the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

15 12¹¹~~15~~. The car jacking prevention system of **Claim 13** further comprising:

20 a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of a last door of a vehicle passenger compartment, and an activation

output in connection with a passenger compartment entry activation input of the control unit,

the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.

¹⁵₁₆. The car jacking prevention system of **Claim** ¹⁴₄ further comprising:

a door position sensor activation switch having a condition sensor for each passenger entry door of a vehicle and including logic circuitry in connection with each condition sensor for determining when a last condition sensor indicates the closing of a last door of a vehicle passenger compartment, and an activation output in connection with a passenger compartment entry activation input of the control unit,

the door position sensor activation switch generating a system activation signal to the passenger compartment entry activation input of the control unit when the logic circuitry determines a door position sensor switch indicates the closing of a last door of a vehicle passenger compartment.